


### Remarks

The Examiner rejected all of the claims under 35 U.S.C. §101. The independent claims have been amended as suggested by the examiner in the Advisory Action dated May 2, 2006. The claims as amended clearly meet the requirements of 35 U.S.C. §101.

The applicants appreciate the conclusion that there are no outstanding 102 or 103 issues. In response to the examiner's citation in the May 2, 2006 Advisory Action of the "Background" of the present application, note that the Background sets out both the operation of and the limitations of the prior art MODTRAN4 approach, and the Background and Summary thoroughly distinguish the present invention from that prior art. The claims are thus allowable. If the examiner for any reason finds that they are not, the undersigned would appreciate a telephone conference with the examiner.

If for any reason this Response is found to be incomplete, or if at any time it appears that a telephone conference with counsel would help advance prosecution, please telephone the undersigned in Westborough, Massachusetts, (508) 898-1501.

Respectfully submitted,



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